Index of Claims



Application No.

09/549,416

Examiner

Chuong Ho

Applicant(s)

ATTAR ET AL.

Art Unit

2664

✓ Rejected= Allowed

(Through numeral)
Cancelled

Restricted

Non-Elected

I Interference

A Appeal

O Objected

|          |  | L        |              |           | -            |              |              |          | L            | L               |
|----------|--|----------|--------------|-----------|--------------|--------------|--------------|----------|--------------|-----------------|
|          | .:   | Dota     |              |           |              |              | _            |          |              | $\neg$          |
| _ Cla    | aim  | <u> </u> | _            |           |              | Date         | =            |          | _            |                 |
| _        | Original   | K        |              |           |              |              |              |          |              |                 |
| Final    | l ·e   | ×        |              |           |              |              | İ            |          |              | 1 1             |
| Œ        | <u>آج</u> ا  | ×        |              |           |              |              |              |          | İ            | ΙI              |
|          |  | N        |              |           |              |              |              |          |              | Щ               |
| 9        | -1-  |          |              |           | _            | -            |              | _        | _            |                 |
| \$5      | (2)  | 窓        |              |           |              |              |              |          |              | Ш               |
|          | <b>(3)</b>   | =        |              |           |              |              |              |          |              | $ldsymbol{L}$   |
|          | 4  | ~        |              |           |              |              |              |          |              | Ш               |
|          | 1<br>(2)<br>(3)<br>4<br>(5)<br>6<br>7  | =        |              |           |              |              | L            |          |              | Ш               |
|          | 6  | =        |              |           |              |              | Ĺ.           |          |              |                 |
|          | 7  | I        |              |           |              |              |              |          |              |                 |
|          | 8  | 11       |              |           |              |              |              |          |              |                 |
|          | 9  | Н        |              |           |              |              |              |          |              |                 |
|          | 10   | =        |              |           |              |              |              |          |              | П               |
|          | 11   | =        |              |           |              |              |              |          | ·            | П               |
|          | 12   | Ξ        |              |           |              |              |              |          |              | П               |
|          | 13   | =        |              |           |              |              |              |          |              | П               |
|          | (14)   | =        |              |           |              |              |              |          |              | М               |
|          | 15   | =        |              |           |              |              |              |          |              | П               |
|          | (16)   | =        |              |           |              |              |              |          |              | П               |
|          | 07   | =        |              |           |              |              |              |          |              | Н               |
|          | 8<br>9<br>10<br>11<br>12<br>13<br>15<br>16<br>(17<br>(18<br>(19)<br>22<br>23<br>24 | =        | Г            |           | m            |              | T            |          |              | П               |
|          | 19   |          | $\vdash$     |           | t            |              |              |          | I            | Н               |
|          | 20   | =        | $\vdash$     |           | H            |              | $\vdash$     |          | H            | Н               |
|          | 79   |          | _            | -         |              |              | H            | -        | <u> </u>     | H               |
|          | 75X  | Ξ        |              |           | Н            |              | $\vdash$     |          | $\vdash$     | Н               |
|          | 23   |          | -            | -         |              | _            | -            |          | ┢╾           | Н               |
| -        | 24   |          |              |           |              |              | -            |          | <u> </u>     | Н               |
| -        | 25   | =        |              |           | <u> </u>     |              | _            |          | $\vdash$     | Н               |
|          | 25<br>26   |          |              |           | $\vdash$     |              | $\vdash$     |          | $\vdash$     | Н               |
|          | 27   | E        | -            | -         | _            | _            | -            | ┝        | $\vdash$     | Н               |
| -        | 28   |          | _            | _         |              | -            | ┝            | $\vdash$ | ┝            | Н               |
|          | 28<br>29<br>30   | 1        |              |           | _            |              | $\vdash$     | ⊢        | ┢            | Н               |
|          | 30   |          |              |           |              |              | $\vdash$     | $\vdash$ | $\vdash$     | Н               |
|          | 31   | =        | -            |           |              | -            | $\vdash$     | -        | ⊢            | Н               |
| -        | 32   |          | $\vdash$     | $\vdash$  | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$        |
|          | 32   |          | $\vdash$     | -         | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$     | Н               |
| <u> </u> | 33<br>(\$4)  | =        | $\vdash$     | -         | ├            | -            | ├            | $\vdash$ | $\vdash$     | $\vdash\dashv$  |
|          | 35   | =        |              | $\vdash$  | -            | -            | $\vdash$     | $\vdash$ | $\vdash$     | Н               |
| $\vdash$ | 36   | =        | <del> </del> | ⊢         | <del> </del> | $\vdash$     | ⊢            | -        | $\vdash$     | $\vdash \vdash$ |
|          | 36<br>37   |          |              |           | ⊢            |              | ├            | -        |              | $\vdash$        |
| <b>—</b> | 38   | =        |              | <b></b> - | ┢─           |              | ├-           | ├        | ├─           | $\vdash \vdash$ |
|          | 39   |          | <b>-</b> -   |           | $\vdash$     | -            | <del> </del> | ├-       |              | $\vdash \vdash$ |
|          | 40   |          | <del> </del> | Ь         | <del> </del> | $\vdash$     | <del> </del> | $\vdash$ | ⊢            | $\vdash \vdash$ |
| -        | 41   |          | $\vdash$     | _         | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$     | Н               |
| -        |  |          | $\vdash$     | _         | $\vdash$     | _            | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash \vdash$ |
|          | 42   | =        | $\vdash$     | <b>—</b>  | $\vdash$     | <del> </del> | ├—           | $\vdash$ | <del> </del> | $\vdash \vdash$ |
|          | 43   |          | H            | <u> </u>  | <u> </u>     | <u> </u>     | ├—           | <u> </u> | ⊢            | Н               |
|          | 44   | =        | Н            | <u> </u>  | <b>!</b>     | ├-           | -            | <u> </u> |              | Н               |
| <u></u>  | 45   | =        | _            | <u> </u>  | ├-           | -            | _            | _        | $\vdash$     | Н               |
|          | 46   |          | =            |           | =            |              | =            | <b>—</b> | <u> </u>     | H               |
| <u></u>  | <b>47</b>  | F.       |              | _         | ļ            | ļ            | L            | _        | <u> </u>     | Щ               |
| <u></u>  | 48   | =        |              |           | <u> </u>     |              | <u> </u>     | _        | $\vdash$     | Щ               |
| <u></u>  | 49   | ≡        | Ш            |           | L            |              | <u> </u>     |          | $oxed{oxed}$ | Ш               |
| L        | 50   | 1        |              |           |              |              |              |          |              |                 |

| Cla      | aim                  |            |         |          |              | Date   |  |                                     |  | -        |
|----------|----------------------|------------|---------|----------|--------------|--|--|-------------------------------------|--|----------|
|          |                      | K          |         |          |              |  |  |                                     |  |          |
| ۱ ـ      | Original             | δ          |         |          |              |  |  |                                     | l  |          |
| Final    | <u>.</u>             | ß          |         |          |              |  |  |                                     |  |          |
| 1        | ۱ <u>۳</u>           | 5          |         |          |              |  |  |                                     |  |          |
|          | _                    | 2          |         |          |              |  |  |                                     | l .  |          |
|          | 51                   |            |         |          |              |  |  |                                     |  |          |
|          | 51<br>(52)           |            |         |          | _            |  |  | _                                   |  |          |
|          | (53)                 |            | _       | _        |              | $\vdash$   |  |                                     |  | _        |
| -        | 22                   |            |         |          | $\vdash$     | $\vdash$   | _                                      |                                     | -  |          |
|          | 54                   |            |         |          |              |  |  |                                     |  |          |
|          | (35)                 | =          | _       |          |              |  |  |                                     |  | L        |
|          | (56                  | 二          |         |          |              |  |  |                                     |  |          |
|          | <del>57</del><br>(58 | =          | _       |          |              |  | I                                      | II                                  |  |          |
|          | 158                  | _          |         | $\vdash$ |              |  | Н                                      | $\vdash$                            | $\vdash$   | $\vdash$ |
| $\vdash$ | <b>39</b>            |            |         | $\vdash$ | $\vdash$     |  | $\vdash$                               | <u> </u>                            | <del>                                     </del> | -        |
| -        | 29                   | =          |         |          | -            | $\vdash$   | $\vdash$                               | <u> </u>                            |  | _        |
|          | (60)                 | 三          |         |          |              | _  | _                                      |                                     |  | _        |
|          | (60°)<br>(61°)       | <u>=</u>   | L       |          | L            | L  | L_'                                    | L                                   | L  | L        |
|          | 62                   | _          |         |          |              |  |  |                                     |  |          |
|          | 63                   |            |         |          |              |  |  | П                                   |  |          |
|          | -64                  | $\vdash$   |         |          | $\equiv$     |  |  |                                     |  |          |
|          | 466                  | F          |         |          | F            |  |  |                                     |  | _        |
|          | 64<br>(65)<br>66     | ν.         |         | Ш        | <u> </u>     | <u> </u>   | <u> </u>                               | $\vdash$                            | <u> </u>   | <u> </u> |
|          | 66                   | <b>√</b>   |         |          | <u> </u>     |  |  | L.                                  |  |          |
|          | 67<br>68<br>69       |            |         |          |              |  |  |                                     |  |          |
|          | (68                  | ./         |         |          |              | Г  | $\vdash$                               |                                     |  |          |
| -        | 60                   |            | _       | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$                               |                                     | $\vdash$   | $\vdash$ |
| -        | 70                   | 4          |         | $\vdash$ | ⊢            | ⊢  | ⊢                                      |                                     | ⊢  | -        |
|          | 70                   | ✓,         |         | _        | ļ            | <u> </u>   | <u> </u>                               |                                     | <u> </u>   | _        |
|          | (71)<br>(72)         | 1          |         |          |              |  | L                                      |                                     |  |          |
|          | (72)                 | <b>/</b> / |         |          |              |  |  |                                     |  |          |
|          | (73)                 | 7          |         |          |              |  |  |                                     |  |          |
|          | 74                   | 7          |         | Н        | $\vdash$     | $\vdash$   | $\vdash$                               | $\vdash$                            | $\vdash$   | -        |
| -        | 75                   | _          |         | H        | $\vdash$     | $\vdash$   | H                                      |                                     | _  | _        |
| -        | 75                   | √,         |         | H        | ├            | ├  | ├                                      | _                                   | Ь  | <u> </u> |
|          | 76<br><b>(</b> 77)   | •/         |         |          |              |  | <u> </u>                               |                                     | <u> </u>   |          |
|          | (77)                 | ./         |         |          |              |  |  |                                     |  |          |
|          | 78                   |            |         |          |              |  |  |                                     |  |          |
|          | 79                   |            |         |          |              |  | $\Box$                                 |                                     |  |          |
| _        | 80                   |            |         | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$                               |                                     | _  | ┢        |
|          | 00                   | -          |         | -        |              |  | <u> </u>                               |                                     | -  | ⊢        |
| <u> </u> | 81                   | $\vdash$   | _       | $\vdash$ | <u> </u>     | <u> </u>   |  | <u> </u>                            |  |          |
|          | 82<br>83             |            |         | $\Box$   | <u> </u>     | <u> </u>   | <u> </u>                               | L_                                  | <u> </u>   | L        |
|          | 83                   |            |         |          |              |  |  |                                     |  |          |
|          | 84                   |            |         |          |              |  |  |                                     |  |          |
|          | 84<br>85             | Г          |         | Н        | $\vdash$     | $\vdash$   | Т                                      |                                     | T  | $\vdash$ |
| -        | 86                   | -          | -       | $\vdash$ |              | $\vdash$   | $\vdash$                               | $\vdash$                            | $\vdash$   | $\vdash$ |
| -        | 00                   | ├-         | <u></u> | <u> </u> | <del> </del> | <del> </del>                                     | ├                                      |                                     | -  | -        |
|          | 87<br>88             | L_         | L       | L_       | <u> </u>     | <u> </u>   | <u> </u>                               |                                     | $ldsymbol{f eta}$                                | <u> </u> |
|          | 88                   | L          |         | L        | L            | L  | L                                      | L.                                  | L  | L        |
|          | 89                   |            |         |          |              |  |  |                                     |  |          |
|          | 90                   |            | _       |          |              | $\Box$   | Г                                      | Г                                   | Г  |          |
| -        | 91                   | $\vdash$   | H       |          | -            | $\vdash$   | $\vdash$                               | <del> </del>                        | -  | -        |
|          |                      | $\vdash$   |         | $\vdash$ | -            | <del> </del>                                     |  | -                                   | $\vdash$   | $\vdash$ |
|          | 92                   | $\vdash$   | _       | Ш        | <u> </u>     | <u> </u>   | <u> </u>                               | <u> </u>                            | <u> </u>   | <u> </u> |
|          | 93                   |            |         | L        | L            |  | L                                      | L                                   | L  | L        |
|          | 94                   |            |         |          |              |  |  |                                     |  |          |
|          | 95                   |            | Т       |          |              | Г  | Г                                      |                                     | Γ  | Г        |
| $\vdash$ | 96                   | -          | -       | $\vdash$ | $\vdash$     | <del>                                     </del> | $\vdash$                               | -                                   | -  |          |
|          |                      | -          | H       | Н        | $\vdash$     | ├  | ├                                      | -                                   | <del> </del>                                     | ├        |
|          | 97                   | L          |         | <u> </u> | $\vdash$     | <u> </u>   | <u> </u>                               | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>   | <u> </u> |
| L        | 98                   | L_         |         |          |              | L_   | L                                      | L                                   | L  | L        |
|          | 99                   |            |         |          |              |  |  |                                     |  |          |
|          | 100                  | П          | _       | т        |              | $\vdash$   |  |                                     |  | <u> </u> |
| Ц        | 1.00                 |            | Щ.      | Щ        |              | Ц  | ــــــــــــــــــــــــــــــــــــــ |                                     | Щ.   | Ц        |

| Claim |                                 | L.       |              |              |          | Date         | 3        |              |          |          |  |
|-------|---------------------------------|----------|--------------|--------------|----------|--------------|----------|--------------|----------|----------|--|
| Final | Original                        |          |              |              |          |              |          |              |          |          |  |
|       | 101                             |          |              |              |          |              |          |              |          |          |  |
|       | 101<br>102                      |          |              |              |          |              |          |              |          |          |  |
|       | 103                             |          |              |              |          |              |          |              |          |          |  |
|       | 104                             |          |              |              |          |              |          |              |          |          |  |
|       | 105                             |          |              |              |          |              |          |              |          |          |  |
|       | 106                             |          |              |              |          |              |          |              |          |          |  |
|       | 107                             |          |              |              |          |              |          |              |          |          |  |
|       | 108                             |          |              | ļ            |          |              | ·        |              |          |          |  |
|       | 109                             | $\vdash$ | _            | L            | <u> </u> | L            | L        |              | _        |          |  |
|       | 110                             | -        |              | <del> </del> | <u> </u> | <u> </u>     | _        | _            | -        |          |  |
|       | 111                             | $\vdash$ | H            | $\vdash$     | <u> </u> | $\vdash$     | $\vdash$ | <del> </del> |          | $\vdash$ |  |
|       | 112<br>113                      | $\vdash$ |              | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$ |              | -        | H        |  |
|       | 114                             | $\vdash$ | H            | H            | -        | $\vdash$     | $\vdash$ | H            | -        | H        |  |
|       | 115                             | $\vdash$ | $\vdash$     | -            |          | <del> </del> |          | _            |          |          |  |
|       | 116                             | H        | H            | $\vdash$     | $\vdash$ | ┢            | -        |              | _        |          |  |
|       | 117                             |          |              |              |          | $\vdash$     |          | _            | $\vdash$ | П        |  |
|       | 117<br>118                      |          | ,            | Г            |          |              |          |              |          |          |  |
|       | 119                             | П        |              |              |          | Г            |          |              |          |          |  |
|       | 120                             |          |              |              |          |              |          |              |          |          |  |
|       | 120<br>121<br>122               |          |              |              |          |              |          |              |          |          |  |
|       | 122                             |          |              |              |          |              |          |              |          |          |  |
|       | 123<br>124<br>125<br>126<br>127 |          |              |              |          |              |          |              |          |          |  |
|       | 124                             |          |              |              | ļ        |              |          |              |          |          |  |
|       | 125                             |          |              | _            |          | <u> </u>     | <u> </u> |              | _        |          |  |
|       | 126                             | _        | L            | ļ            | <u> </u> |              | <u> </u> |              |          | <u> </u> |  |
|       | 127                             | _        |              | -            | _        | _            | L        |              | _        | <u> </u> |  |
|       | 128                             | H        |              | ├            | ├        | _            | ⊢        |              |          | $\vdash$ |  |
|       | 128<br>129<br>130               | -        | -            | ⊢            | ⊢        | -            | ┝        |              | _        |          |  |
|       | 131                             | $\vdash$ |              | -            |          | -            | ├        |              | -        | $\vdash$ |  |
|       | 131<br>132                      | -        | ┢            | $\vdash$     |          | <del> </del> | $\vdash$ |              | _        | $\vdash$ |  |
|       | 133                             |          | _            | $\vdash$     |          |              | $\vdash$ |              |          |          |  |
|       | 134                             | Г        | Т            | $\vdash$     |          | T            | Г        |              |          |          |  |
|       | 134<br>135                      |          | Г            |              | Г        |              |          |              |          |          |  |
|       | 136                             |          |              |              |          |              |          |              |          |          |  |
|       | 137                             |          |              |              |          |              |          |              |          |          |  |
|       | 138                             |          |              |              |          |              |          |              |          |          |  |
|       | 139                             |          |              | <u> </u>     | _        | L            | <u> </u> | _            |          |          |  |
|       | 140                             |          |              | <u> </u>     |          | L            | <u> </u> | _            |          | Ш        |  |
|       | 141                             |          |              | <u> </u>     | _        | $\vdash$     | <u> </u> | $\vdash$     | _        | $\vdash$ |  |
|       | 142                             | $\vdash$ | <u> </u>     | <u> </u>     | <u> </u> | ⊢            | <u> </u> | -            | _        | -        |  |
|       | 143<br>144                      | $\vdash$ | $\vdash$     | $\vdash$     |          | ├-           | $\vdash$ | $\vdash$     | <u> </u> | <u> </u> |  |
| _     | 145                             | $\vdash$ | <del> </del> | ├            |          | $\vdash$     | $\vdash$ | $\vdash$     | _        | -        |  |
|       | 146                             | -        | ⊢            | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$ | -            | -        |          |  |
|       | 147                             | $\vdash$ | -            | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$     | _        | H        |  |
|       | 148                             | $\vdash$ | ┝            | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$     |          |          |  |
|       | 149                             | $\vdash$ |              | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$ |              |          |          |  |
|       | 150                             | $\vdash$ | Н            | Т            | <u></u>  | $\vdash$     | ┢═       |              |          | П        |  |
|       |                                 |          |              |              | щ.       |              |          | _            |          |          |  |